

Listing and Amendments to the Claims

This listing of claims will replace all previous versions and listings of claims in this application:

1. **(Currently Amended)** Method of ~~simplifying~~ embedding of watermarks in different copies of a media signal, comprising ~~the steps of~~:

- determining watermarking properties ~~(p)~~ dependent on the ~~[[a]]~~ media signal ~~(x)~~ ~~(step 30; 58)~~, and
- storing the ~~signal-dependent~~ watermarking properties ~~(step 32; 60)~~, such that the ~~signal-dependent~~ watermarking properties can be used when embedding unique watermarks in different copies of the media signal.

2. **(Currently Amended)** Method according to claim 1, further comprising ~~the step of~~ sending the media signal together with information at least based on the ~~signal-dependent~~ watermarking properties to at least one recipient, ~~(step 38; 62)~~.

3. **(Currently Amended)** Method according to claim 2, further comprising ~~the step of~~ embedding the unique watermarks ~~(w_A, w_B, w_C)~~ in different copies of the media signal using the ~~stored signal-dependent~~ watermarking properties ~~(step 36)~~ and wherein ~~the step of sending~~ comprises ~~sending a copy of the media signal~~ is sent to each recipient with an embedded unique watermark ~~(x_A, x_B, x_C)~~, ~~(step 38)~~.

4. **(Currently Amended)** Method according to claim 3, further comprising ~~the step of~~ mixing watermarks for providing a unique mix of the watermarks in copies of the media signal.

5. **(Currently Amended)** Method according to claim 2, wherein ~~the step of sending~~ comprises ~~sending the media signal~~ is sent together with the ~~signal-dependent~~ watermarking properties ~~(step 62)~~, for enabling embedding of a watermark by a recipient.

6. **(Currently Amended)** Method according to claim 5, further comprising ~~the step of~~ losslessly encoding the ~~signal-dependent~~ watermarking properties in the media signal.

7. **(Currently Amended)** Method according to claim 1, wherein the ~~signal dependent~~ watermarking properties are based on a perceptual model of a human sensing system.

8. **(Currently Amended)** Method according to claim 1, wherein ~~the step of~~ determining and storing are performed off-line and ~~the step of~~ sending is performed on-line.

9. **(Currently Amended)** ~~Method of embedding a watermark in a media signal (x)~~ The method according to claim 1 further comprising the step of:

- receiving the ~~the~~ [[a]] media signal together with ~~certain~~ the watermarking properties (~~p~~) dependent on the media signal, ~~(step 64)~~, and

- embedding a watermark (~~w_A~~) based on the ~~signal dependent~~ watermarking properties (~~p~~) in a copy of the media signal (~~x~~), ~~(step 68)~~.

10. **(Currently Amended)** Method according to claim ~~10~~ 9, wherein the signal properties are losslessly encoded (~~LE~~) in the media signal (~~x'~~) and further comprising ~~the step of~~ losslessly decoding (~~LD~~) the ~~signal~~ watermarking properties from the media signal.

11. **(Currently Amended)** Device for ~~simplifying the embedding~~ of ~~[[of]]~~ watermarks in different copies of a media signal comprising a server unit (~~10~~) including:

- a properties determining unit (~~14~~) for determining signal dependent watermarking properties (~~p~~) of the ~~the~~ [[a]] media signal (~~x~~), and

- a signal properties store (~~16~~) for storing the signal dependent watermarking properties, such that the signal dependent watermarking properties can be used for embedding unique watermarks in different copies of the media signal.

12. **(Currently Amended)** Device according to claim 11, further comprising a sending unit (~~28; 52~~) arranged to send the media signal together with information at least based on the signal ~~depending~~ dependent watermarking properties to at least one recipient.

13. **(Currently Amended)** Device according to claim 12, further comprising at least one watermarking unit (~~22, 24, 26~~) for embedding the unique watermarks (~~w_A, w_B, w_C~~) in different

copies of the media signal using the stored signal dependent watermarking properties for enabling the sending of a uniquely watermarked media signal (~~x_A, x_B, x_C~~) to each recipient.

14. **(Currently Amended)** Device according to claim 13, wherein the sending unit (~~28~~) further comprises a mixing unit (~~50~~) arranged to mix watermarks such that the unique watermark sent to a recipient is a unique mix of the generated watermarks.

15. **(Currently Amended)** Device according to claim 12, wherein the sending unit (~~52~~) is arranged to send the media signal (~~x~~) together with the signal dependent watermarking properties (~~p~~), for enabling embedding of a watermark by a recipient.

16. **(Currently Amended)** Device according to claim 15, further comprising a lossless encoding unit (~~72~~) for losslessly encoding the signal dependent watermarking properties in the media signal.

17. **(Original)** Device according to claim 11, wherein the properties determining unit is arranged to determine the signal dependent watermarking properties based on a perceptual model of a human sensory system.

18. **(Currently Amended)** ~~Device (54) for embedding a watermark in a media signal~~ The device according to claim 11 further comprising:

- a receiving unit (~~56~~) for receiving the ~~[[a]]~~ media signal together with ~~certain~~ the signal dependent watermarking properties (~~p~~) dependent on the media signal (~~x~~), and
- a watermarking unit (~~22~~) arranged to embed a watermark (~~w_A~~) based on the signal dependent watermarking properties (~~p~~) in a copy of the media signal.

19. **(Currently Amended)** Device according to claim 18, wherein the signal dependent watermarking properties are losslessly encoded in the media signal and further comprising a lossless decoding unit (~~74~~) for losslessly decoding the signal dependent watermarking properties from the media signal.

20-21. **(Cancelled)**